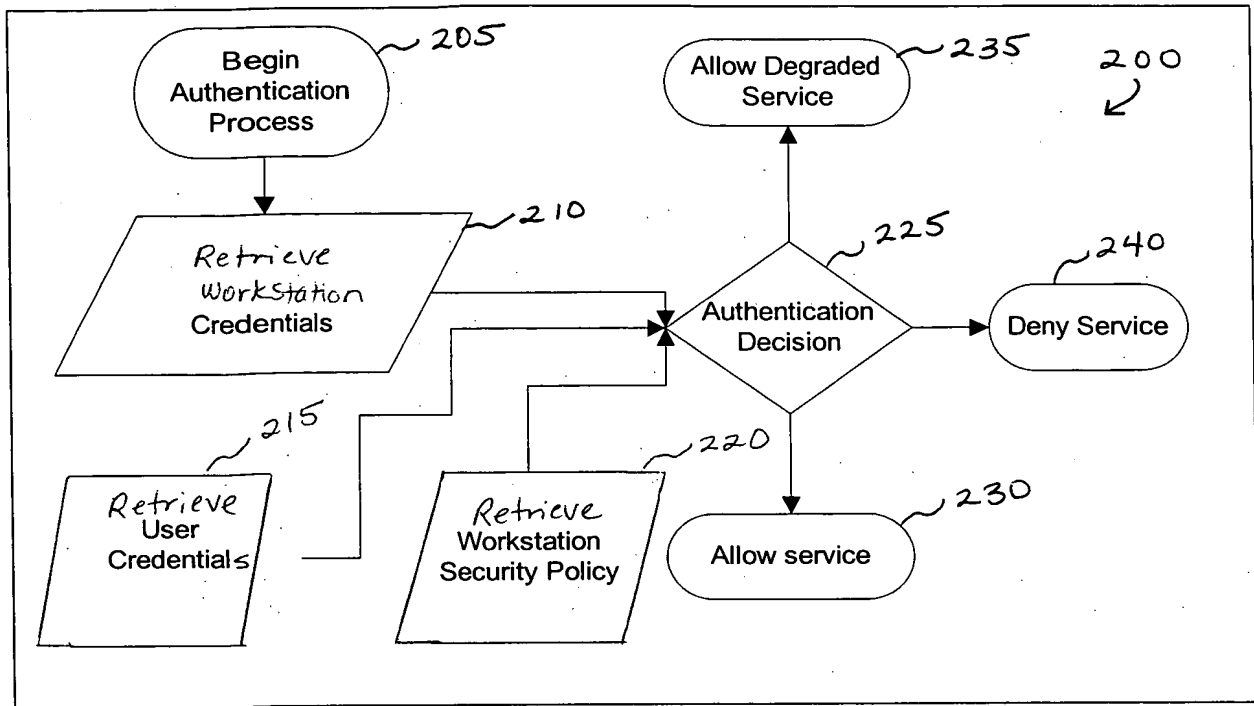


The diagram illustrates a network architecture. On the left, a large rectangle labeled 115 represents the **Workstation**. Inside it are two smaller rectangles: the top one is labeled **Network Client** and has a bracket pointing to it labeled 130; the bottom one is labeled **Local Workstation Assessment Service** and has a bracket pointing to it labeled 135. In the center is a cloud shape labeled **Network** with a bracket pointing to it labeled 125. On the right, a large rectangle labeled 120 represents the **Network Server**. Inside it is a rectangle labeled **Network Service** with a bracket pointing to it labeled 140. A horizontal line connects the **Network Client** to the **Network** cloud, and another horizontal line connects the **Network** cloud to the **Network Service**.

### Figure 1

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### Figure 2

The diagram illustrates a five-step process for workstation authentication. It features three Workstation components (Network Client and Local Workstation Assessment Service) and one Network Server component (Network Service).

**Step 1:** Network client requests workstation credentials from Local Workstation Assessment Service.

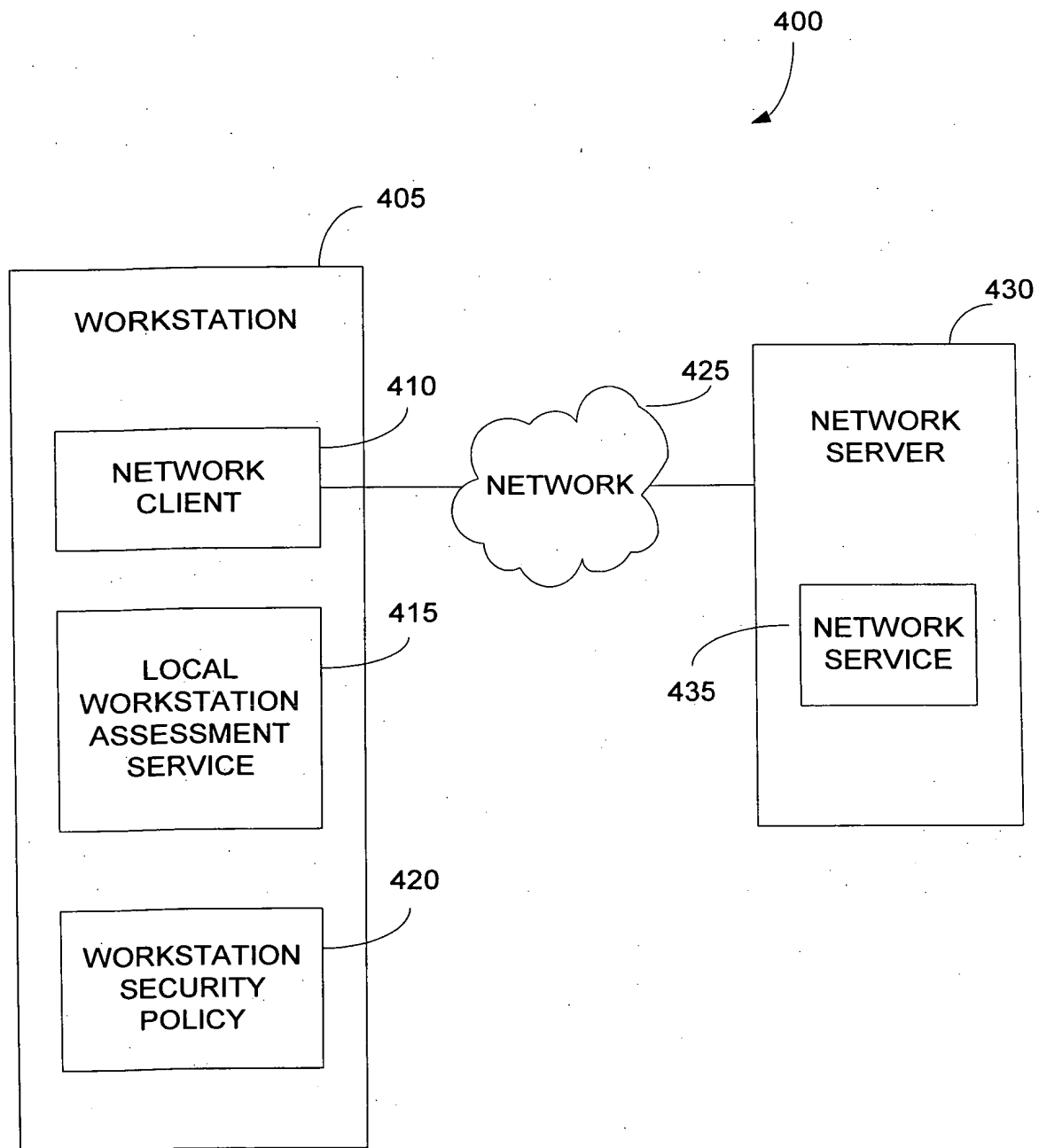
**Step 2:** Local Workstation Assessment Service performs scan and returns workstation credentials to Network Client.

**Step 3:** Network Client transmits user and workstation credentials to Network Service as part of regular authentication process.

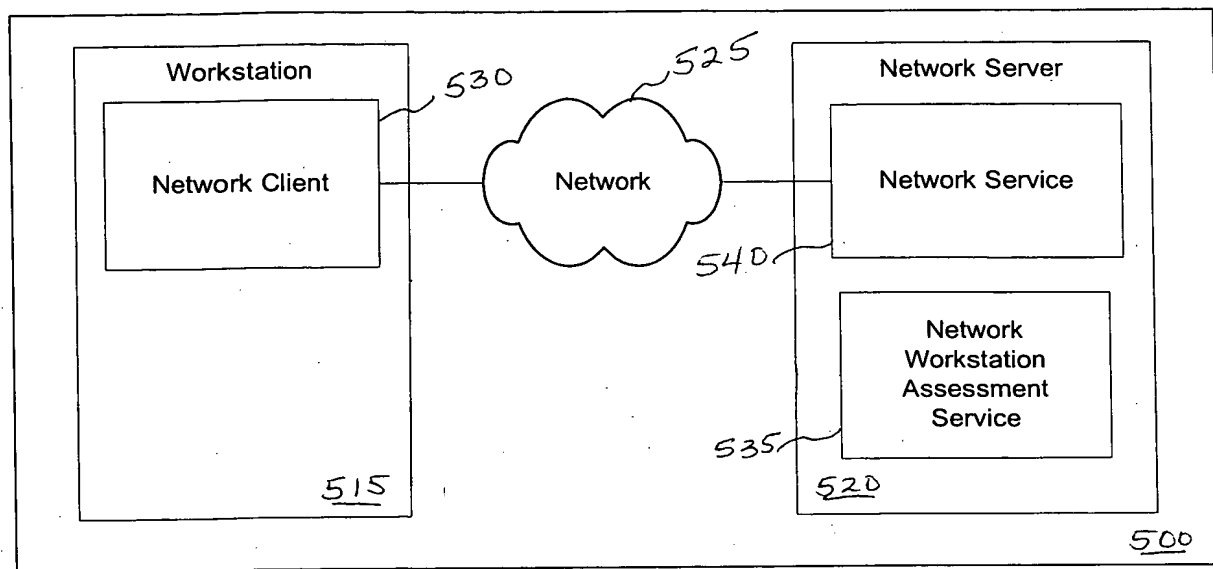
**Step 4:** Network Service utilizes security policy to evaluate workstation credentials and determine type of access. Security policy may be stored on the Network Server or on a Network Policy Server or Directory Server.

**Step 5:** Network Service notifies Network Client of authentication results.

### Figure 3



*Fig. 4*

[illegible]

**Figure 5.**

```
graph TD
    W1[Workstation 605] -- "1. Workstation Requests Service" --> NS1[Network Server 610]
    NS1 -- "2. Network Service requests assessment of workstation" --> NWSA[Network Workstation Assessment Server 615]
    NWSA -- "3. Network Workstation Assessment Server performs workstation assessment" --> W2[Workstation 605]
    NWSA -- "4. Network Workstation Assessment Server sends assessment results (workstation credentials) to network server" --> NS2[Network Server 610]
    NS2 -- "5. Network Server allows access, denies access, or allows degraded access" --> W3[Workstation 605]
```

### Figure 6

```
graph TD
    Browser[Browser 705] -- "1. Browser requests login page" --> WebServer[Web Server 710]
    WebServer -- "2. Web server sends login page containing authentication plugin" --> Browser
    Browser -- "3. Authentication plugin runs in browser, scans host, generates results" --> Browser
    Browser -- "4. Authentication plugin sends results to CGI Script" --> WebServerCGI[Web Server CGI 715]
    WebServerCGI -- "5. CGI script evaluates results, decides whether to redirect user to logon page or redirect user to access denied page" --> WebServerCGI
    WebServerCGI -- "6. CGI redirects Browser to appropriate page" --> BrowserPlugIn[Browser with Plug-in 705']
```

### Figure 7

```

graph TD
    subgraph 805 [805 Workstation]
        820[820 Network Client]
        825[825 Local Workstation Assessment Service]
    end
    810[810 Network Service]
    815[815 Workstation Assessment Proxy Service]
    830[830 Network Assessment Service LAN]
    835[835 Network Assessment Service Internet]

    820 -- "1. Network Client requests Service" --> 810
    810 -- "2. Network Service requests workstation assessment" --> 815
    815 -- "3a. Proxy requests local assessment" --> 825
    815 -- "3b. Proxy requests network assessment (from LAN)" --> 830
    815 -- "3c. Proxy requests network assessment (from Internet)" --> 835
    825 -- "4a. Local Assessment returned to proxy" --> 815
    830 -- "4b. LAN assessment returned to proxy" --> 815
    835 -- "4c. Internet assessment returned to proxy" --> 815
    815 -- "5. Workstation Assessment Proxy Service conglomerates all workstation assessment results" --> 815
    815 -- "6. Proxy returns conglomerated assessment results to network service" --> 810
    810 -- "7. Network Service utilizes security policy to evaluate workstation credentials and determine type of access. Security policy may be stored on the Network Server or on a Network Policy Server or Directory Server." --> 810
    810 -- "8. Network service notifies client of authentication results." --> 820

```

800

### Figure 8



900

Workstation

Network Client

Local Workstation Assessment Service

905

915

920

1. Network Client makes service request

910

Network Server

Network Service

925

2. Network Service requests workstation credentials from Local Workstation Assessment Service

3. Local Workstation Assessment Service Assesses workstation integrity and security posture, and generates workstation credentials

4. Local Workstation Assessment Service sends workstation credentials to Network Service

910

Network Server

Network Service

925

5. Network Service utilizes security policy to evaluate workstation credentials and determine type of access. Security policy may be stored on the Network Server or on a Network Policy Server or Directory Server.

6. Network Service notifies client of type of access granted.

925

915

920

### Figure 9